

What is claimed is:

1 1. A plasma display, comprising:
2 a base plate;
3 a back cover engaged with the base plate to form a
4 space;
5 a first circuit board disposed in the space and
6 mounted on the base plate;
7 a first electronic element disposed on the first
8 circuit board;
9 a first thermal conductive device disposed between
10 the first electronic element and the back cover
11 and mounted on the first electronic element.

1 2. The plasma display as claimed in 1, wherein the
2 base plate is a metal plate.

1 3. The plasma display as claimed in claim
2 2, wherein the metal plate is made of at least one of
3 aluminum, copper or other compound metal.

1 4. The plasma display as claimed in claim 1,
2 wherein the first thermal conductive device comprises a
3 thermal conductive spring element.

1 5. The plasma display as claimed in claim 4,
2 wherein the thermal conductive spring element has a
3 spring portion secured on the first electronic element
4 and a contact portion abutting the back cover.

1 6. The plasma display as claimed in claim 5,
2 wherein the spring portion is integrally formed with the
3 contact portion.

1 7. The plasma display as claimed in claim 4,
2 wherein the thermal conductive spring element comprises
3 copper.

1 8. The plasma display as claimed in claim 3
2 further comprising a plurality of first supporters
3 disposed between and separating the first circuit board
4 and the base plate by an appropriate distance.

1 9. The plasma display as claimed in claim 8
2 further comprising a second electronic element disposed
3 on the first circuit board opposite to the first
4 electronic element.

1 10. The plasma display as claimed in claim 3
2 further comprising:

3 a second circuit board mounted between the first
4 circuit board and the base plate;

5 a third electronic element disposed on the second
6 circuit board.

1 11. The plasma display as claimed in claim 10,
2 wherein the first thermal conductive device comprises a
3 thermal pad.

1 12. The plasma display as claimed in claim 11
2 further comprising a fastener fixing the back cover to
3 the first circuit board.

1 13. The plasma display as claimed in claim 12,
2 wherein the fastener is a bolt.

1 14. The plasma display as claimed in claim 10
2 further comprising a fourth electronic element disposed
3 on the first circuit board; and a second thermal
4 conductive device disposed between the fourth electronic
5 element and the back cover and mounted on the fourth
6 electronic element.

1 15. The plasma display as claimed in claim 14,
2 wherein the second thermal device comprises a thermal
3 conductive spring element.

1 16. The plasma display as claimed in claim 15,
2 wherein the thermal conductive spring element has a
3 spring portion secured on the first electronic element
4 and a contact portion abutting the back cover.

1 17. The plasma display as claimed in claim 16,
2 wherein the spring portion is integrally formed with the
3 contact portion.

1 18. The plasma display as claimed in claim 15,
2 wherein the thermal conductive spring element comprises
3 copper.

1 19. The plasma display as claimed in claim 10,
2 wherein the second circuit board is mounted on the base
3 plate.

1 20. The plasma display as claimed in claim 19
2 further comprising a fifth electronic element disposed on

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3 the first circuit board opposite to the first electronic
4 element.